AMITY UNIVERSITY

————UTTAR PRADESH————

Domain of Engineering & Technology

Amity School of Engineering and Technology

MINOR PROJECT

WEEKLY PROGRESS REPORT (WPR)

For the week commencing on: 05-09-2022 (6th week)

Program: B.Tech. (AI)   **Student Name: Muskan Singh**
WPR: 6   **Enrollment Number: A076119819006**

Company Name (if any)   : ASET, LUCKNOW
Faculty Guide's Name   : DR. NAMRATA DHANDA
Project / Seminar Title   : DIABETES PREDICTION USING MACHINE LEARNING

TARGETS SET FOR THE WEEK:

- Study about various types of ML models.

- Study about how to check accuracy on the various ML models.

- To predict the results from that trained model.

ACHIEVEMENTS FOR THE WEEK:

- Doing Normalization of the dataset by first checking their Standard normal deviation through the plotting, if it is not bell curve then it means to remove the skewness.

- Making insights and correlation among the datasets and making correlation matrix.

- Doing logarithmic transformations on the dataset to remove skewness.

FUTURE WORK PLANS:

- Will try practical implement of various ML usecases under the guidance of faculty guide.

- By actually performing things I will have a better understanding of things and it will enhance my knowledge which is very essential before working on the actual project.